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(54) Title: COAGULANT COMPOSITION CONSISTING OF ORGANIC COAGULANT OF BROWN ALGAE AND INORGANIC COAGULANT

(57) Abstract: The present invention relates to a coagulant composition, which comprises an inorganic coagulant consisting of aluminum component and calcium component; and an organic coagulant of sea brown algae. The present composition lessens the component of aluminum component up to 5 parts by weight to the total components, and incorporates the calcium component 90 parts by weight or more for the inorganic component, and the organic coagulant of the sea brown algae is incorporated in an amount of 5 to 30 parts by weight to the inorganic component. In accordance with the present invention, the coagulating ability is very strong, and sedimentation is very fast, and therefore the applicability is very broad to be applied to the various kind of the wastewater. Especially, the aluminum contents in the treated wastewater are very low, and so, it does not incur the environmental/health problems.

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